

QAPP Worksheet #12: Measurement Performance Criteria
QAPP Worksheet #12B – Isotopic Thorium

Matrix: Soil/Aqueous

Analytical Group/Method: Isotopic Thorium/Alpha Spectroscopy via NAREL ACT-02F-TH

Concentration Level: Low/Medium

Data Quality Indicators (DQIs)	QC Sample or Measurement Performance Activity	Measurement Performance Criteria
Analytical Precision	Laboratory Sample Duplicates or Laboratory Control Sample Duplicates	$ z\text{-score} < 3$
Analytical Accuracy/Bias	Laboratory Control Samples	$ z\text{-score} < 3$
Contamination	Method blank	Refer to 13.1 of QA/QAM-1 on page 57